

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/13/2014 11/13/2014	Bob Duffey

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	
				°	
DWR ID	DWR_ST0010_01_s_2013_10				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	
				°	
DWR ID	DWR_ST0010_01_s_2013_11				
Action/Comments					
Inspector Comments: The LMA has flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	
				°	
DWR ID	DWR_ST0010_01_s_2013_12				
Action/Comments					
Inspector Comments: The LMA completed flood fight training in 2014.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Wadsworth Canal	Left	4.63	11/13/2014 11/13/2014	Bob Duffey

LM Start	1.74	Rating **	M	Issue No.	6
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.133887 °	39.141757 °
				-121.749526 °	-121.742939 °
DWR ID	DWR_ST0010_01_f_2014_6				
Action/Comments					
Inspector Comments: 2011 - Whole bank is starting to unravel, with failure from poor soils. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: WAD_2-1_L]					

No Photos

LM Start	1.85	Rating **	M	Issue No.	107
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.135110 °	39.135110 °
				-121.748230 °	-121.748230 °
DWR ID	DWR_ST0010_01_f_2013_107				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2014_ST0010_42_107_20141013_00006.jpg



View of the erosion along both sides of the abandoned pump.

LM Start	1.85	Rating **	M	Issue No.	106
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.135110 °	39.135110 °
				-121.748229 °	-121.748229 °
DWR ID	DWR_ST0010_01_f_2013_106				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_ST0010_42_106_20141013_00005.jpg



View of the rodent holes under the irrigation pipe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Sutter Maintenance Yard Wadsworth Canal

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View of the erosion along the waterside toe.

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Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/13/2014 11/13/2014	Bob Duffey

LM Start	1.74	Rating **	M	Issue No.	8
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.134064 °	39.141814 °
				-121.749781 °	-121.743260 °
DWR ID	DWR_ST0010_02_f_2014_8				
Action/Comments					
Inspector Comments: 2011 - Whole bank is starting to unravel, with failure from poor soils. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: WAD_2-1_R]					

No Photos

LM Start	1.77	Rating **	M	Issue No.	11
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.134490 °	39.134490 °
				-121.749716 °	-121.749716 °
DWR ID	DWR_ST0010_02_f_2012_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_ST0010_43_11_20141013_00006.jpg



View of the rodent holes above the irrigation pipe.

LM Start	2.44	Rating **	M	Issue No.	9
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.142254 °	39.153150 °
				-121.742847 °	-121.734611 °
DWR ID	DWR_ST0010_02_f_2014_9				
Action/Comments					
Inspector Comments: 2010 - Over steepened levees, some slumping, reach-wide problem. 2011 - Still a reach-wide problem. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: WAD_2-4_R]					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/13/2014 11/13/2014	Bob Duffey

LM Start	4.48	Rating **	M	Issue No.	10
LM End	4.48	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.168659 °	39.168937 °
				-121.728016 °	-121.727905 °
DWR ID	DWR_ST0010_02_f_2014_10				
Action/Comments					
Inspector Comments: 2011 - Small erosion pocket. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: WAD_4-3_R]					

No Photos

LM Start	4.49	Rating **	M	Issue No.	6
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.168848 °	39.168848 °
				-121.728130 °	-121.728130 °
DWR ID	DWR_ST0010_02_s _ 2012_6				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2014_ST0010_43_6_20141113_00013.jpg



View of the erosion along the waterside toe.

LM Start	4.55	Rating **	A/W	Issue No.	7
LM End	4.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.169670 °	39.169670 °
				-121.727787 °	-121.727787 °
DWR ID	DWR_ST0010_02_s_2012_7				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2014_ST0010_43_7_20141013_00005.jpg



View of the erosion along the W/S toe.

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+ Issue Type

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